

LAND APPLICATION SITE

Clarence W. Tignor

EXCWT 14-17

ESSEX COUNTY

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 8-24-15 between Elsie A. Tignor referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in King Queen Co Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
10-74			
10-75			
10-78			
16-3B			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Elsie A. Tignor

Elsie A. Tignor

Landowner - Printed Name, Title

Signature

31194 Sparta Road
Milford, Va 22514

Mailing Address & Phone Number

804 633 6630

Permittee:

Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Susan Trumbo

Susan Trumbo

Permittee - Authorized Representative
Printed Name

Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 11-18-14 between Clarence W. Tignor, Sr. referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Essex Co., Caroline Co., King & Queen Co., Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
10-74			
10-75			
10-78			
16-3B			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Clarence W. Tignor, Sr. Clarence W Tignor SR 31194 Sparta Road
Landowner - Printed Name, Title Signature Mailing Address & Phone Number
Milford, Va. 22514

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Susan Trumbo [Signature] PO Box 562 Remington, Virginia 22734
Permittee - Authorized Representative Signature Mailing Address
Printed Name

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2-24-15 between Clarence W. Tignor Jr. referred to here as "Landowner", and Recyc Systems, Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in King & Queen, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>TM 1632-75R-956A</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Clarence W. Tignor Jr.
Landowner - Printed Name, Title

Clarence W. Tignor Jr.
Signature

31325 Sparta Rd
Mailing Address & Phone Number

M:1 Ford Va 22514
804 994 4476

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Susan Trumbo
Permittee - Authorized Representative
Printed Name

Susan Trumbo
Signature

PO Box 562 Remington, Virginia 22734
Mailing Address

FARM DATA SHEET

SITE NAME:	Clarence W. Tignor	COUNTY:	Essex
OWNER:	Elsie Tignor	OPERATOR:	C.W. Tignor Jr.
OWNER'S ADDRESS:	31194 Sparta Rd Milford, VA 22514	OPERATOR'S ADDRESS:	31325 Sparta Rd Milford, VA 22514
OWNER'S TELEPHONE:	804-633-6630	OPERATOR'S TELEPHONE:	
GENERAL FARM TYPE:	Row Crop	CELL PHONE:	804-994-4476
# CATTLE:	None	EMAIL:	cwtignor69@icloud.com
LAGOON or SLURRY:	None	LATITUDE:	38.045
TOPO QUAD:	Loretto	LONGITUDE:	-77.096
COMMENTS:	METHOD OF DETERMINATION: Online Maps		
Clarence W. Tignor has passed away his wife Elsie Tignor has inherited his properties.			

AB
12-31-20

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Recyc Systems, Inc.

Site Name: Clarence W. Tignor

County or City: Essex County

Please Print

Signature not required on this page

[illegible]

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map	FSA Tract	FSA Field
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood				
EXCWT 14	42.7	20D Nov-Apr	-	-	-	RA 55	10-74	3214	1,4
EXCWT 15	90.2	20D Nov-Apr	-	-	-	RA 55	10-74	3214	2,4,5, 6&7
EXCWT 16	4.9	20D Nov-Apr	-	-	-	RA 55	10-74	3214	3
EXCWT 17	17.5	20D Nov-Apr	-	-	-	RA 55	10-78	3217	2
TOTAL ACRES IN SITE	155.3								

NUTRIENT MANAGEMENT PLAN IDENTIFICATION

Operator

C.W. Tignor
31325 Sparta Rd
Milford, VA 22514
804-994-4476

Integrator:None

Farm Coordinates

Easting: 0, Northing: 0, zone: 17

Watershed Summary

watershed: RA55
county: Essex

Nutrient Management Planner

Recyc Systems
P.O. Box 562
Remington Va 22734

Certification Code: None

Acreage Use Summary

Total Acreage in this plan: 155.3

Cropland: 155.3
Hayland: 0.
Pasture: 0.
Specialty: 0.

Livestock Summary

Beef Cattle 0
Dairy Cattle 0
Poultry 0
Swine 0
Other 0

Manure Production Balance

	Imported	Produced	Exported	Used	Net
kgals	0.	0.	0.	0.	0.
tons	0.	0.	0.	0.	0.

Plan written 12/31/2020

Valid until 12/31/2020

Signature: _____

Planner

date

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Spring, 2021-Summer, 2025)
Clarence W. Tignor
Planner: Recyc Systems

Tract: 3214 Location: Essex
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes
1 4/EXCWT 14(N)	43/43	2021	Corn (grain)	130-60-60	0/0				130-60-60	N/A		
		2022	Soybeans (DC)	0-60-60	0/0				0-120-120	N/A		
2 4 5 6 7/EXCWT 15(N)	90/90	2021	Corn (grain)	120-60-60	0/0				120-60-60	N/A		
		2022	Soybeans (DC)	0-60-60	0/0				0-120-120	N/A		
3/EXCWT 16(N)	5/5	2021	Corn (grain)	120-60-60	0/0				120-60-60	N/A		
		2022	Soybeans (DC)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

Tract: 3217 Location: Essex
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosid Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes
2/EXCWT 17(N)	18/18	2021 2022	Corn (grain) Soybeans (DC)	140-60-60 0-60-60	0/0 0/0				140-60-60 0-120-120	N/A N/A		

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

THE PLANNER IS NOT STATE CERTIFIED

Clarence W. Tignor Narrative

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
3214	EXCWT 14	43	[No Test]						
3214	EXCWT 15	90	[No Test]						
3214	EXCWT 16	5	[No Test]						
3217	EXCWT 17	18	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
3214	3214/1 4	EXCWT 14	43	Kempsville	IIIb	II	Not Suited	III	
	3214/2 4 5 6	EXCWT 15*	90	Suffolk	IVa	II	Not Suited	III	High Leaching, High Slope
	3214/3	EXCWT 16*	5	Kempsville	IVa	II	Not Suited	III	High Leaching, High Slope
3217	3217/2	EXCWT 17	18	Kempsville	IIIa	II	Not Suited	III	

* Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applications.

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: New Plan Spring, 2021 - Summer, 2025

Farm Name: Clarence W. Tignor

Location: Essex

Specialist: Recyc Systems

N-based Acres: 155.3

P-based Acres: 0.0

Tract Name: 3214

FSA Number: 3214

Location: Essex

Field Name: EXCWT 14

Total Acres: 42.70 Usable Acres: 42.70

FSA Number: 14

Tract: 3214

Location: Essex

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

%slope: 0.0 Slope Len: 0. R factor: 0.0 K factor: 0.0

T factor: 0.0 P factor: 1.0 Cmax: 0.000 Erosion: 0.0 tons/acre

Soil Test Results:

DATE PH P

[NO TEST]

K

Lab

Soils:

PERCENT	SYMBOL	SOIL SERIES
1	9A	Emporia
46	10B	Kempsville
12	20D	Rumford Slagle
41	23B	Suffolk

Field Warnings:

Crop Rotation:		
PLANTED	YIELD	CROP NAME
2021-Sp	130.6 bushel(s)	Corn (grain) - Tilled
2022-Su	30.4 bushel(s)	Soybeans (DC) - Tilled

Field Name: EXCWT 15
 Total Acres: 90.20 Usable Acres: 90.20
 FSA Number: 2 4 5 6 7
 Tract: 3214
 Location: Essex
 Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft
 Distance to stream: 0 ft

P-Index Summary
 N-based
 Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

%slope: 0.0 Slope Len: 0. R factor: 0.0 K factor: 0.0
 T factor: 0.0 P factor: 1.0 Cmax: 0.000 Erosion: 0.0 tons/acre

Soil Test Results:
 DATE PH P K Lab
 [NO TEST]

Soils:		
PERCENT	SYMBOL	SOIL SERIES
3	9A	Emporia

14	9B	Emporia
20	10B	Kempsville
33	20D	Rumford Slagle
30	23B	Suffolk

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with percent slope in excess of 15%

Crop Rotation:

PLANTED	YIELD	CROP NAME
2021-Sp	122.4 * bushel(s)	Corn (grain) - Tilled
2022-Su	27.6 bushel(s)	Soybeans (DC) - Tilled

Field Name: EXCWT 16

Total Acres: 4.90 Usable Acres: 4.90

FSA Number: 3

Tract: 3214

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

%slope: 0.0 Slope Len: 0. R factor: 0.0 K factor: 0.0

T factor: 0.0 P factor: 1.0 Cmax: 0.000 Erosion: 0.0 tons/acre

Soil Test Results:

DATE PH P

K

Lab

[NO TEST]

Soils:

PERCENT	SYMBOL	SOIL SERIES
63	10B	Kempsville
37	20D	Rumford Slagle

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Crop Rotation:

PLANTED	YIELD	CROP NAME
2021-Sp	123.9 * bushel(s)	Corn (grain) - Tilled
2022-Su	27.2 * bushel(s)	Soybeans (DC) - Tilled

Tract Name: 3217

FSA Number: 3217

Location: Essex

Field Name: EXCWT 17

Total Acres: 17.50 Usable Acres: 17.50

FSA Number: 2

Tract: 3217

Location: Essex

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

%slope: 0.0 Slope Len: 0. R factor: 0.0 K factor: 0.0

T factor: 0.0 P factor: 1.0 Cmax: 0.000 Erosion: 0.0 tons/acre

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
33	9B	Emporia
6	9C	Emporia
57	10B	Kempsville
5	20D	Rumford Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2021-Sp	137.4 * bushel(s)	Corn (grain) - Tilled
2022-Su	31.3 * bushel(s)	Soybeans (DC) - Tilled

3214: EXCWT 14

Phosphorus Environmental Threshold Calculation

Last soil test P ppm = 13

Region = Eastern Shore and Lower Coastal Plain

PET result = N-based

3214: EXCWT 15

Phosphorus Environmental Threshold Calculation

Last soil test P ppm = 13

Region = Eastern Shore and Lower Coastal Plain

PET result = N-based

3214: EXCWT 16

Phosphorus Environmental Threshold Calculation

Last soil test P ppm = 13

Region = Eastern Shore and Lower Coastal Plain

PET result = N-based

3217: EXCWT 17

Phosphorus Environmental Threshold Calculation

Last soil test P ppm = 13

Region = Eastern Shore and Lower Coastal Plain

PET result = N-based

Erosion Calculations for 3214: EXCWT 14

Erosion Manually Entered: 0

Erosion Calculations for 3214: EXCWT 15

Erosion Manually Entered: 0

Erosion Calculations for 3214: EXCWT 16

Erosion Manually Entered: 0

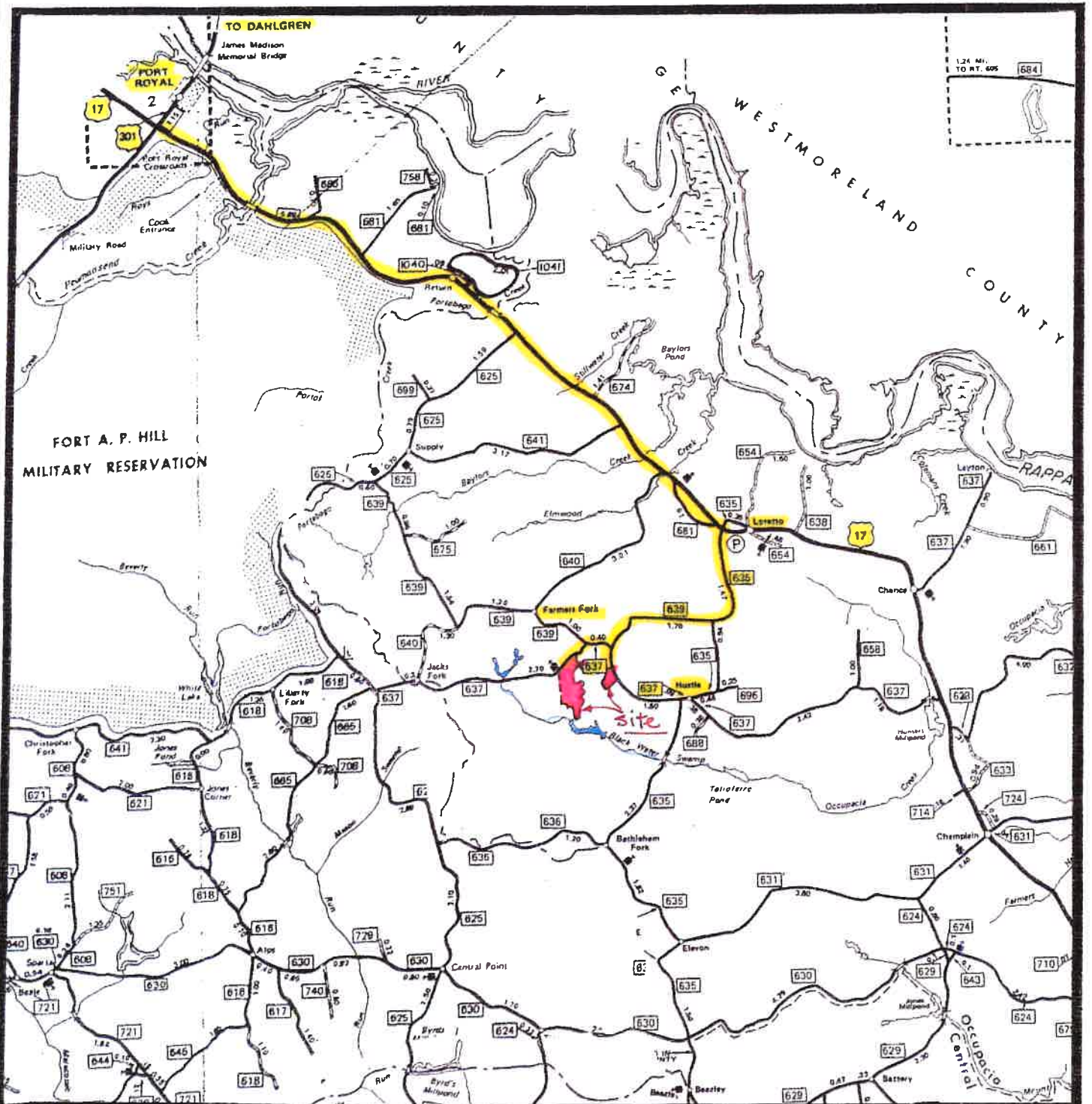
Erosion Calculations for 3217: EXCWT 17

Erosion Manually Entered: 0

MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

EXCWT 14-17

12-28-2020

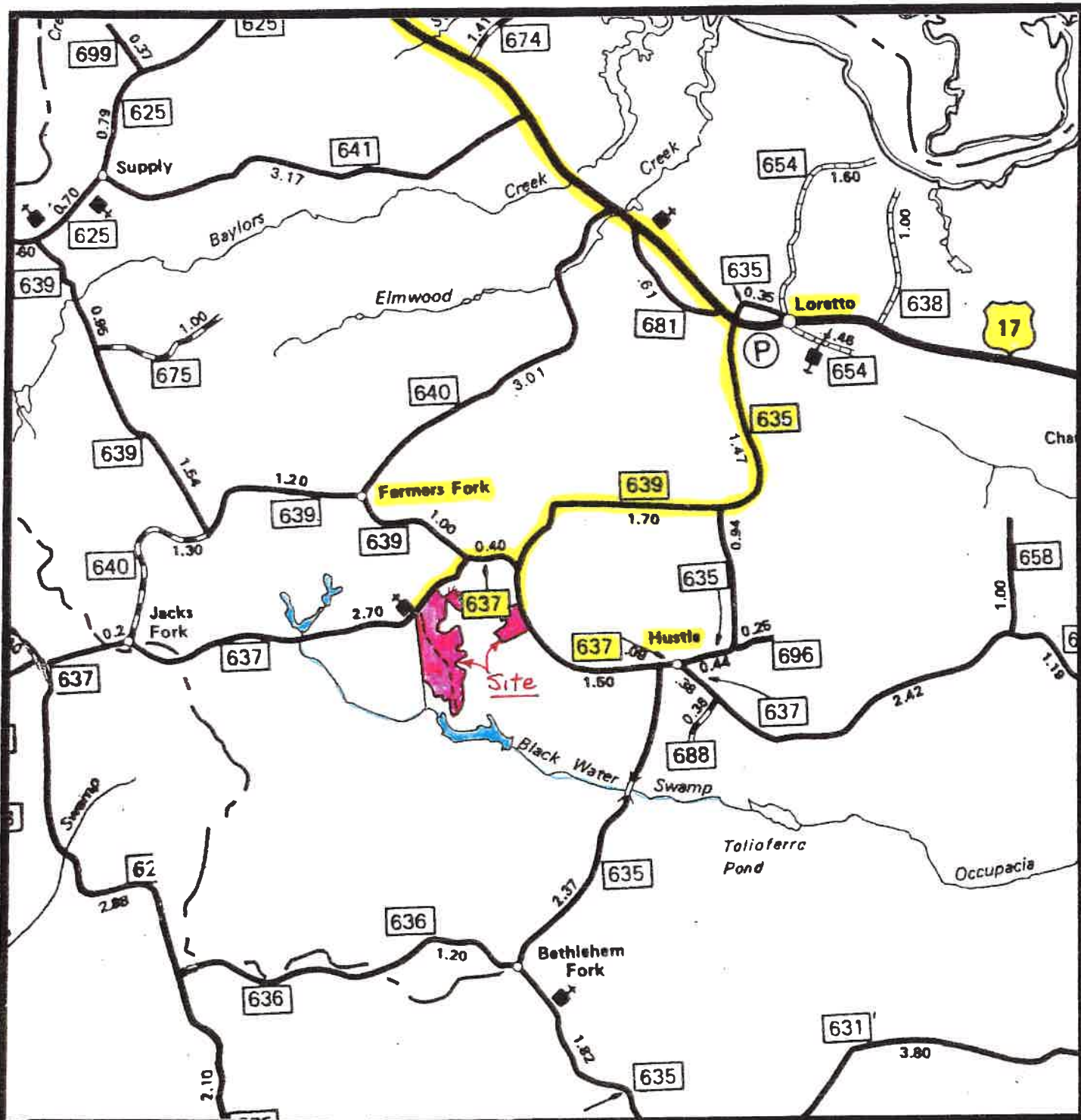
Truck Route

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 1 mile

EXCWT 14-17

12-28-2020

Truck Route

VICINITY MAP

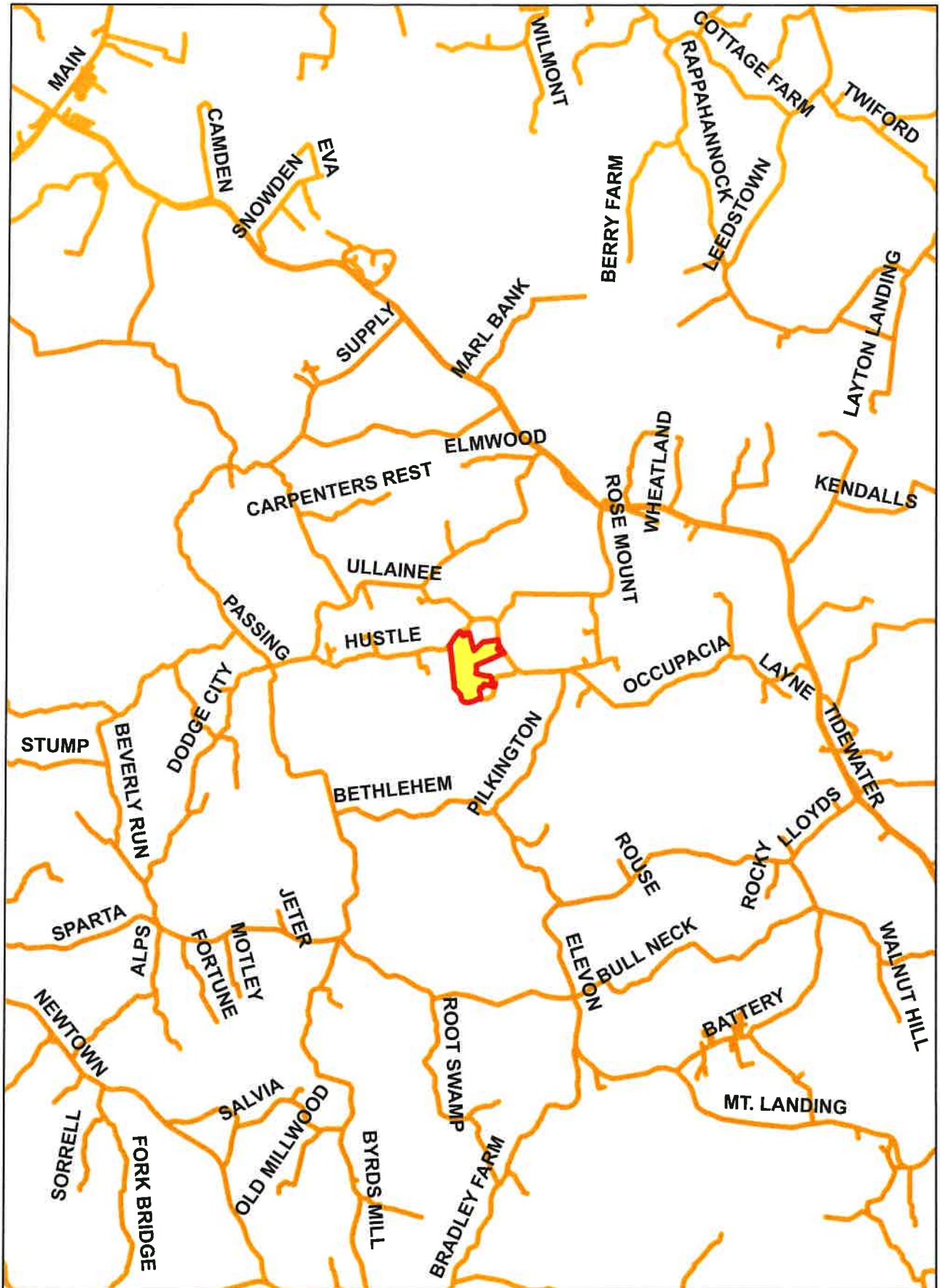
N
▲



Recyc Systems[®]
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

Vicinity Map

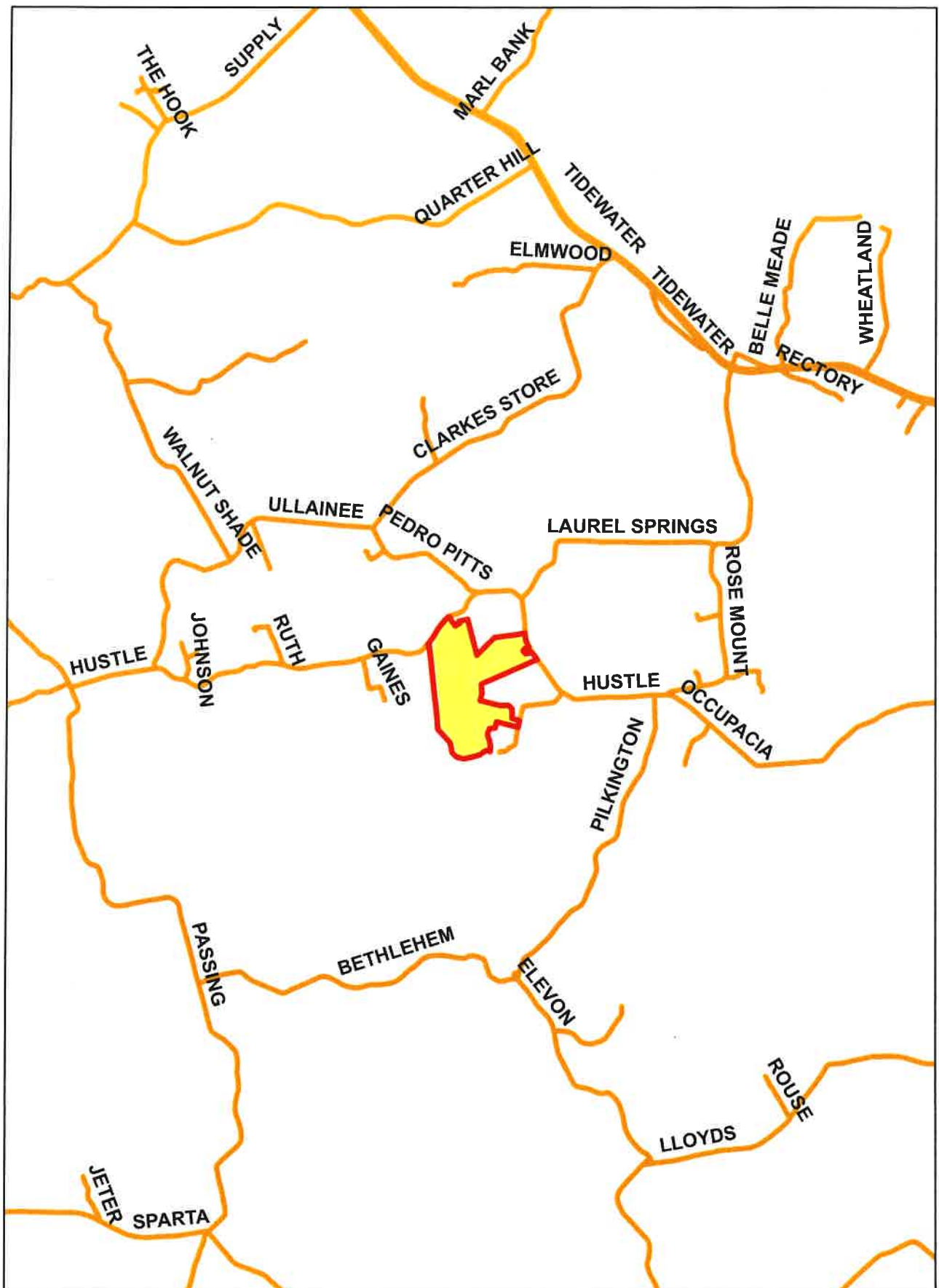
1 in = 2 miles



Recyc Systems
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

Vicinity Map

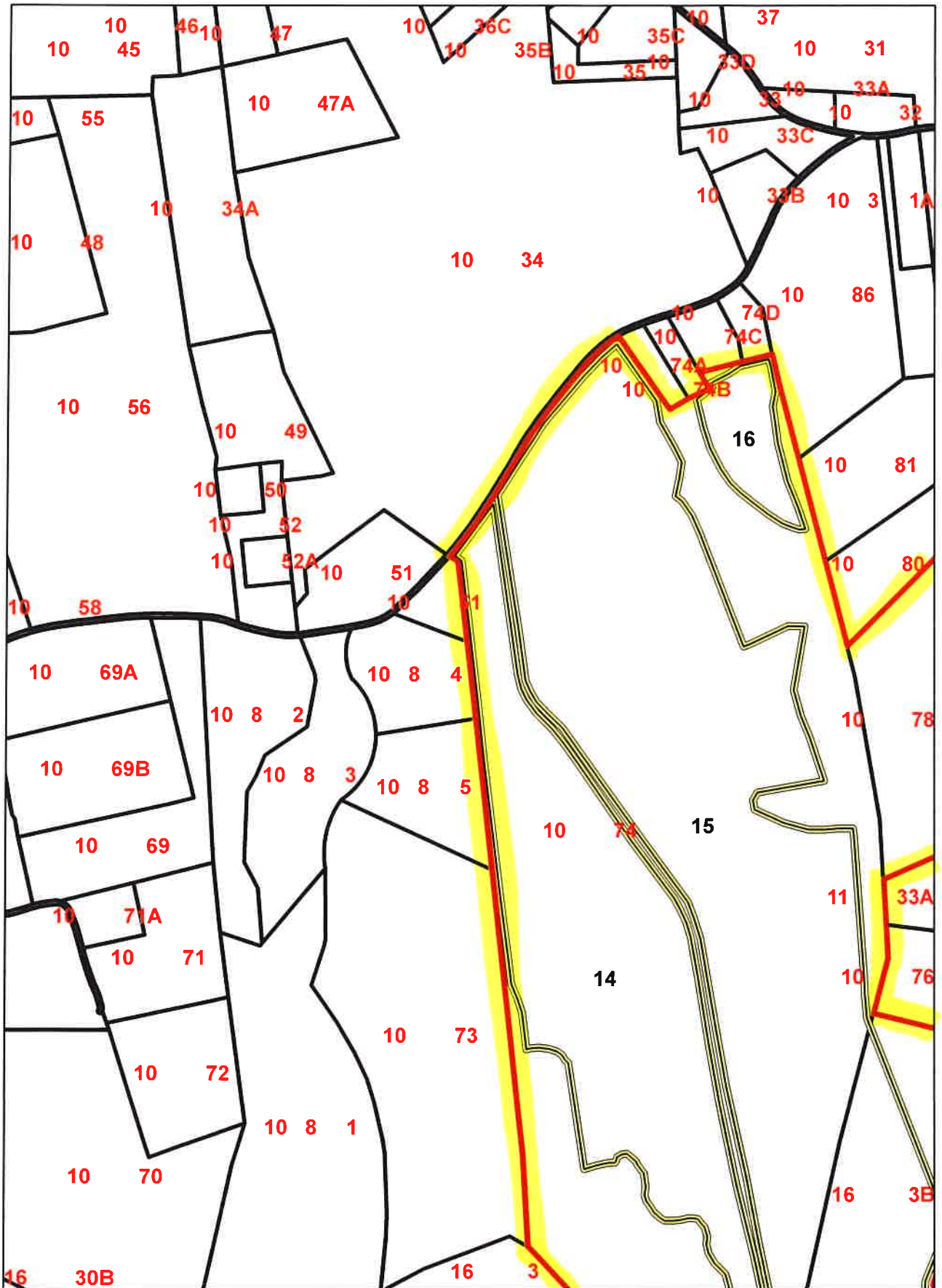
1 in = 1 miles



Recyc Systems
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

Tax Map

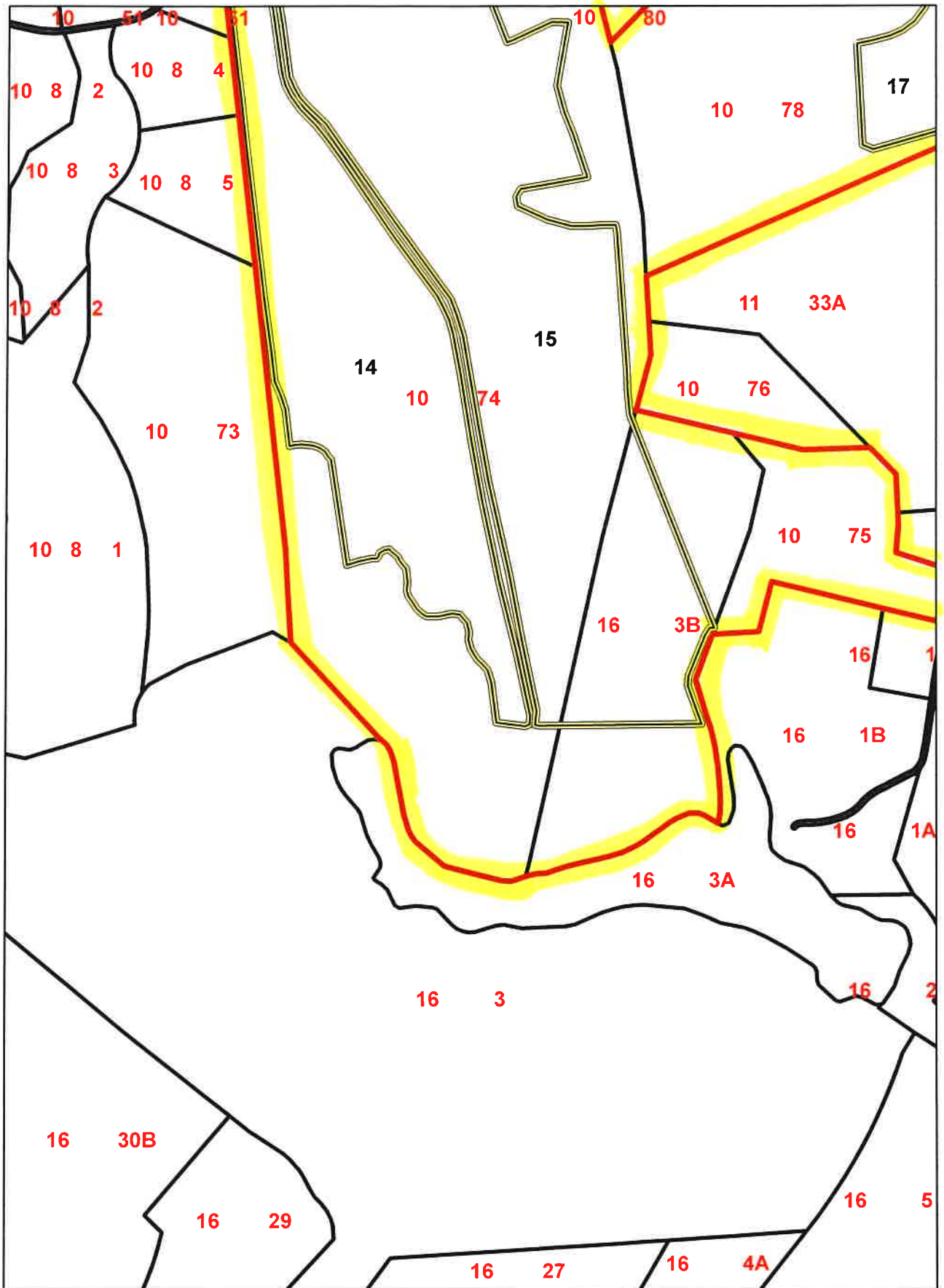
1 in = 660 feet



Recyc Systems
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

Tax Map

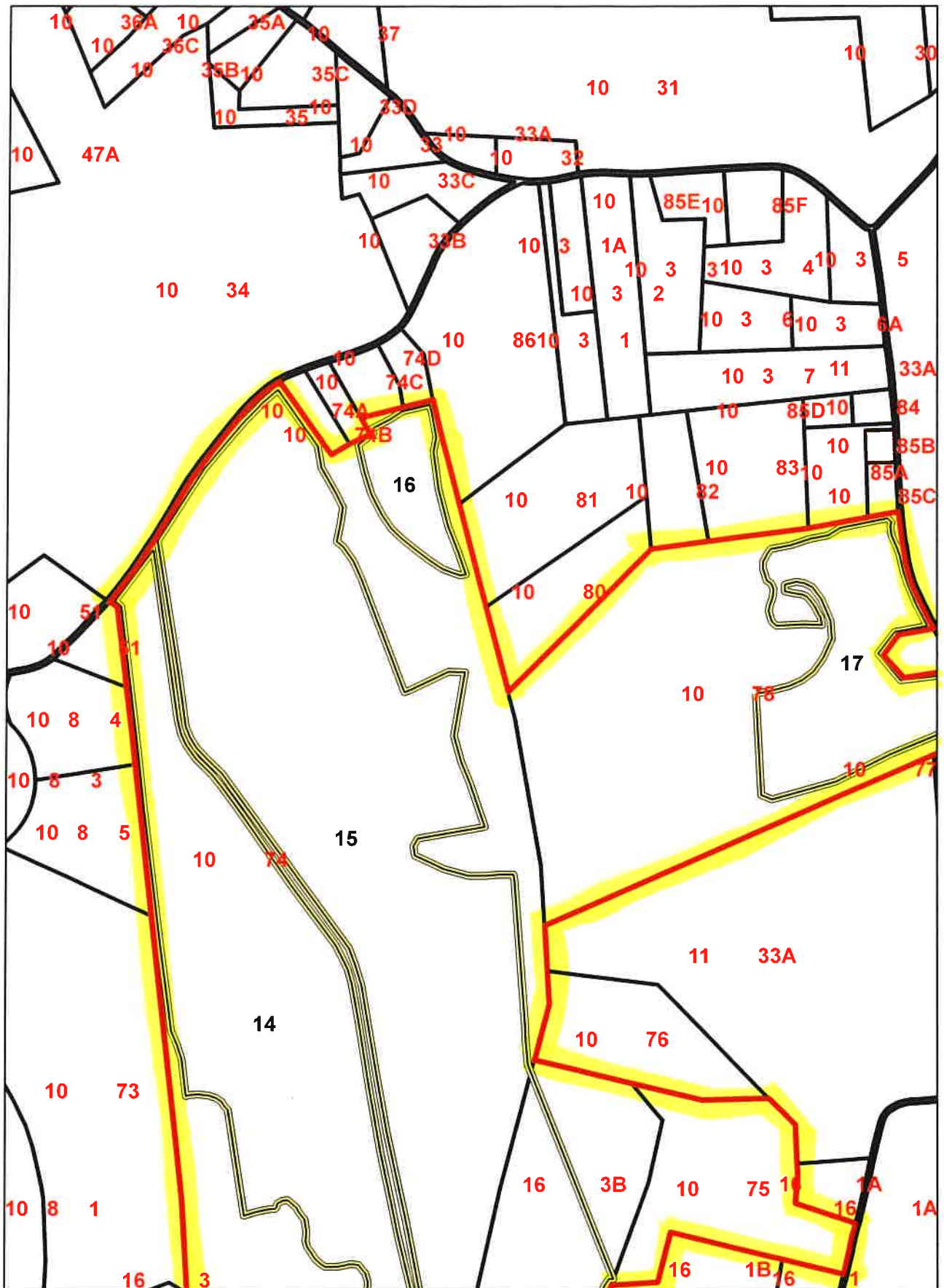
1 in = 660 feet



Recyc Systems[®]
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

Tax Map

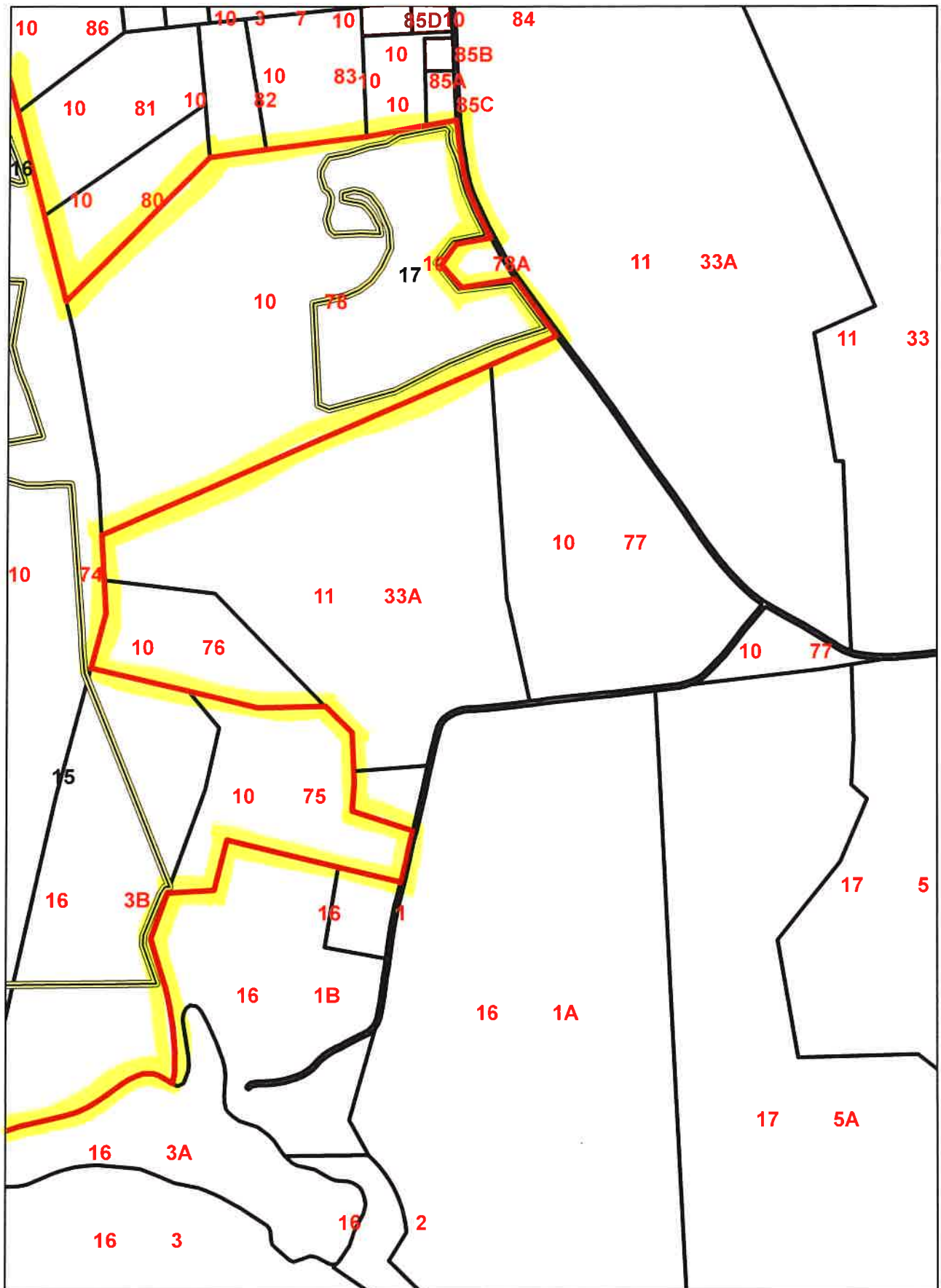
1 in = 660 feet



Recyc Systems[®]
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

Tax Map

1 in = 660 feet

ADJOINING LANDOWNERS

Clarence W. Tignor

Essex County

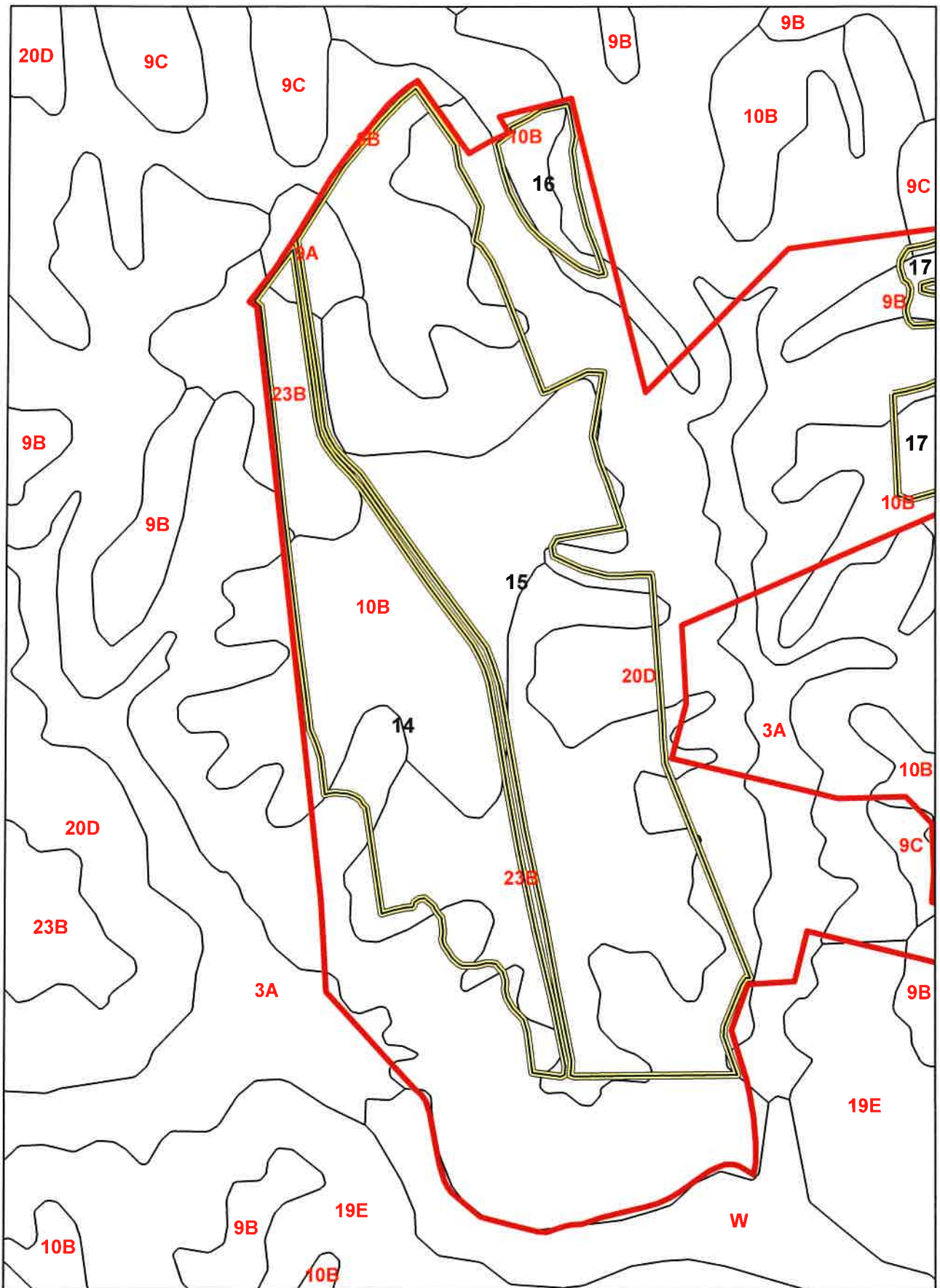
Tax Map	Parcel #	Owner Name(s)
10	34	James D. Ruehl Sr. et al
	51	Mount Olive Baptist Church
	73	Everett C Nelson
	74A	Corey E Johnson
	74B	Micheal Walker
	74C	William O Young Jr.
	74D	Alison Burrell
	76	Clarence W Tignor Jr.
	77	Cynthia Ann Reynolds Life Estate
	78A	Ralph R Taylor
	80	Clarence W Tignor Jr.
	81	Harold E Sayles
	82	Clarence W Tignor Jr.
	83	Unidentified
	84	Everett C Nelson
	85	Everett C Nelson
	85A	Clarence W Tignor Jr.
	85C	Virginia Arlene Brown
	86	Harold E Sayles et ux
11	24	Thelma L Young
16	33A	Cynthia Ann Reynolds
	1	Kathleen L Spindle Estate
	1A	James Channon
	1B	James E & Lois M Channon
	3	Everett C Nelson
	3A	James E & Lois M Channon




Recyc Systems[®]
Inc.

Clarence W. Tignor

EXCWT



12-31-2020

 Frequently
Flooded

Soil Map

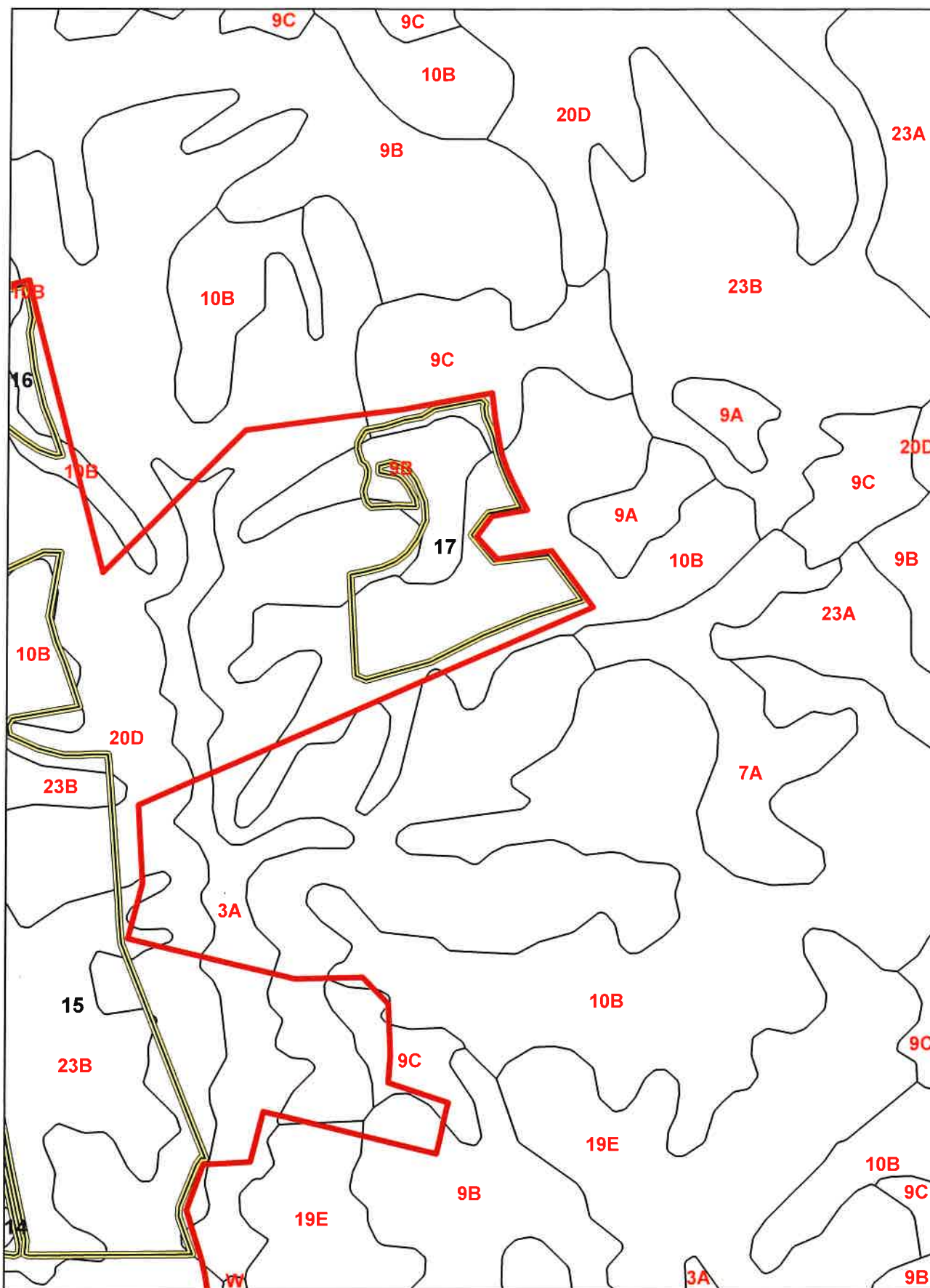
1 in = 660 feet



Recyc Systems
Inc.

Clarence W. Tignor

EXCWT



12-31-2020
Frequently
Flooded

Soil Map

1 in = 660 feet



Field Identification	Gross Acres
EXCWT 14	42.7
EXCWT 15	90.2
EXCWT 16	4.9
EXCWT 17	17.5



12-31-2020

Aerial Map

1 in = 660 feet

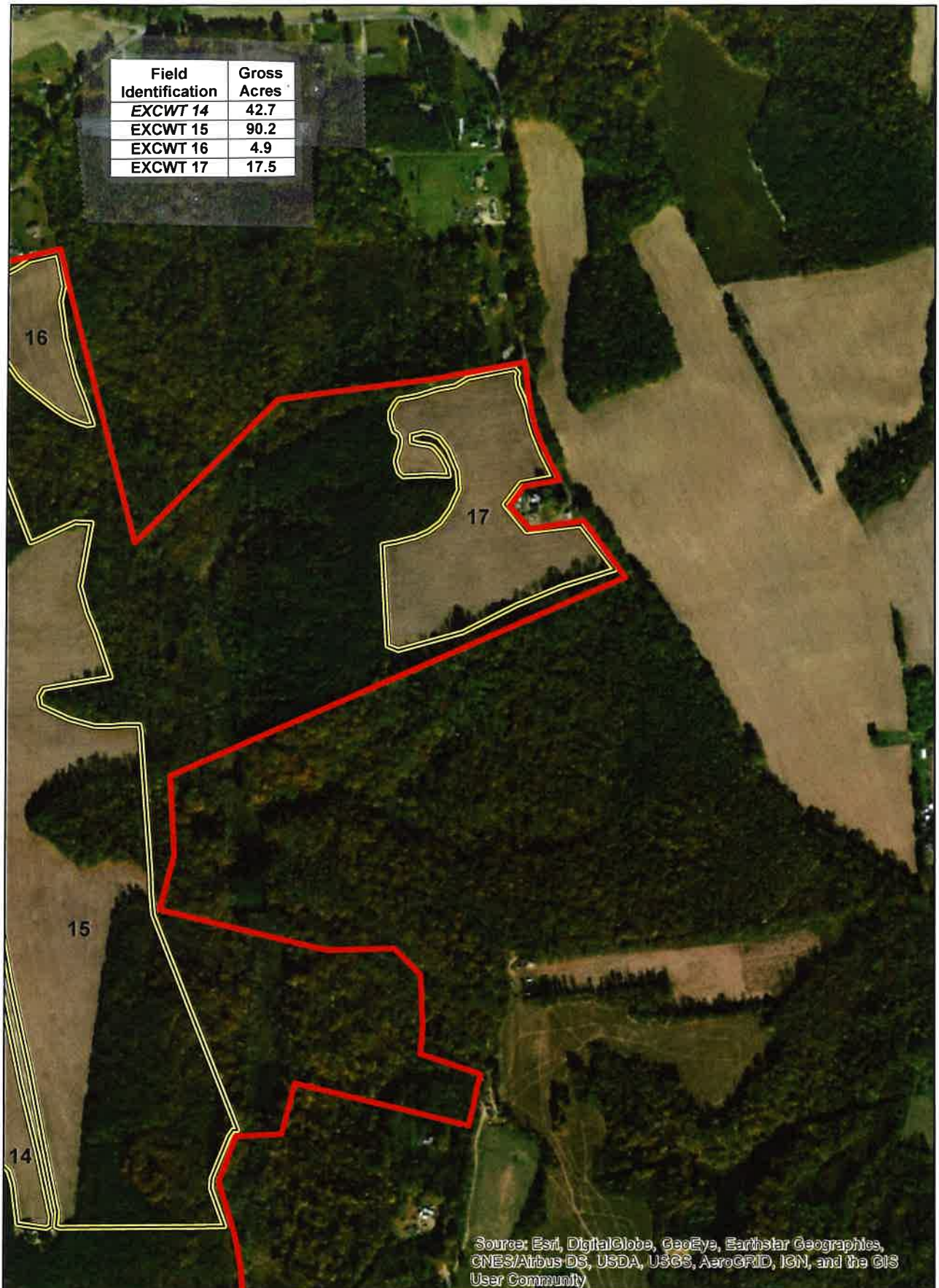


Recyc Systems
Inc.

Clarence W. Tignor

EXCWT

Field Identification	Gross Acres
EXCWT 14	42.7
EXCWT 15	90.2
EXCWT 16	4.9
EXCWT 17	17.5




Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

12-31-2020

Aerial Map

1 in = 660 feet

Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
  	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
 	Slope	15% maximum
	Hashed out Area	No application

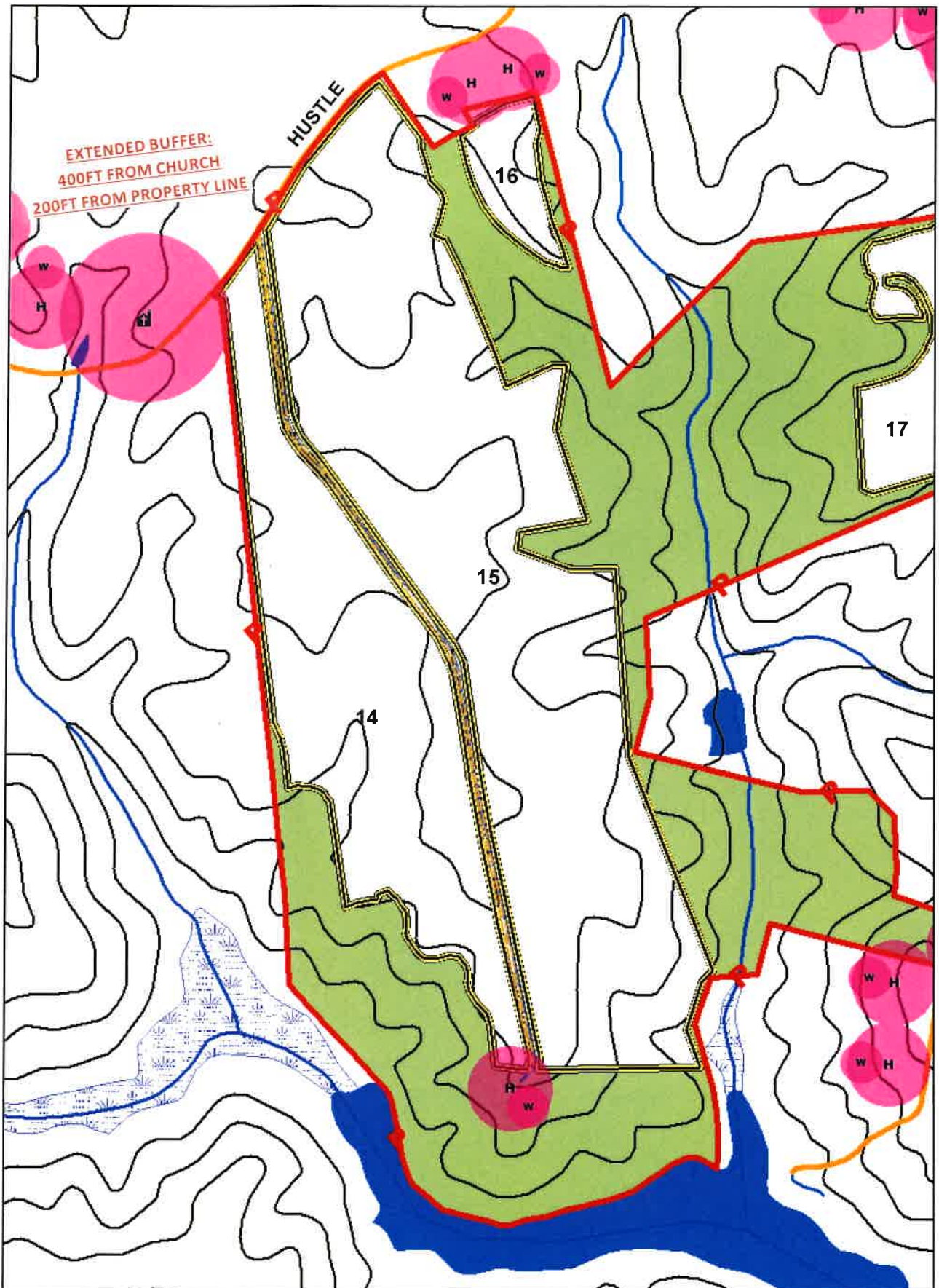
*Buffer can be reduced or waived upon written consent from landowner.



Recyc Systems
Inc.

Clarence W. Tignor

EXCWT



0202-13-20

Site Plan

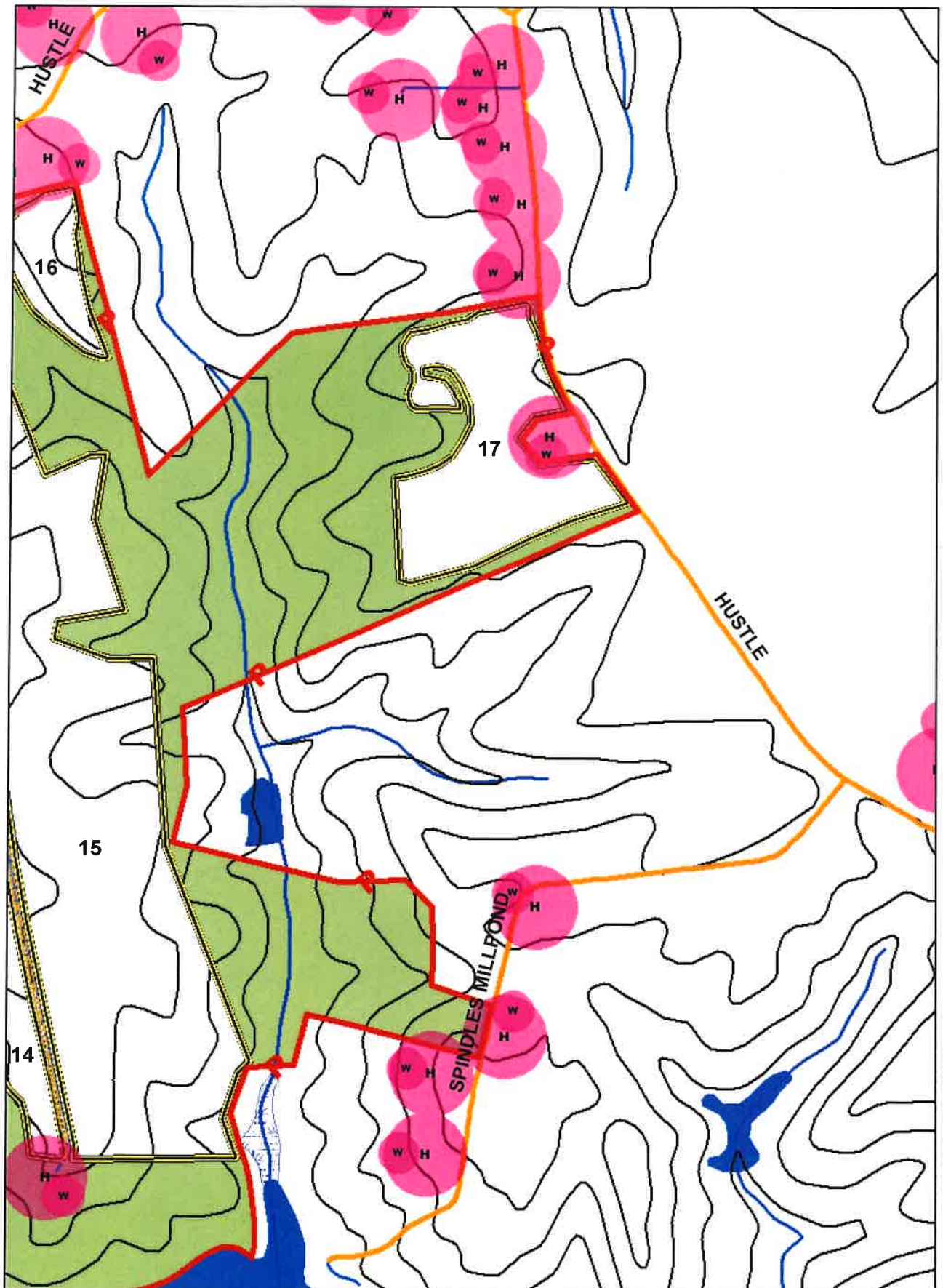
1 in = 660 feet



Recyc Systems
Inc.

Clarence W. Tignor

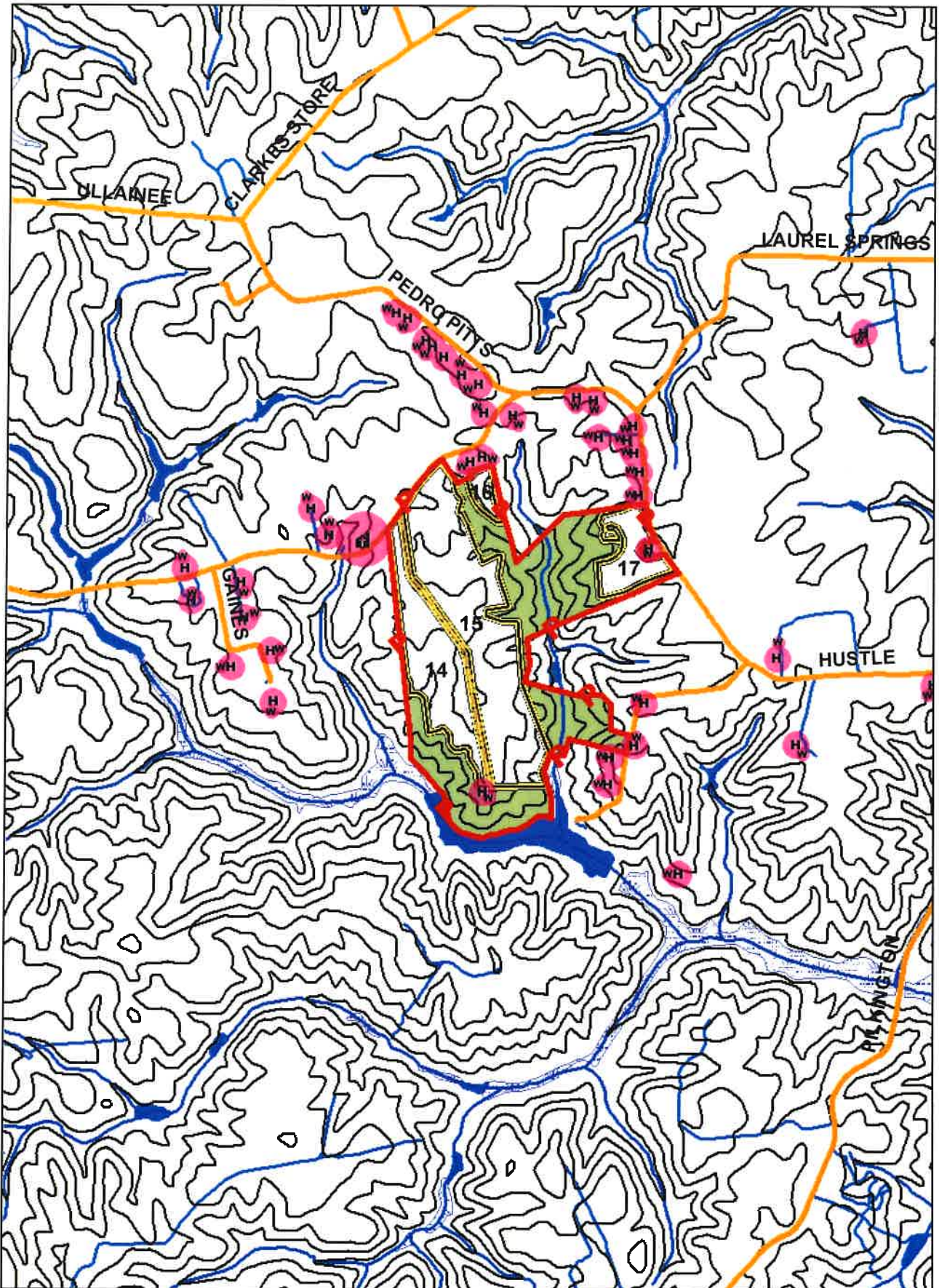
EXCWT



12-31-2020

Site Plan

1 in = 660 feet



12-31-2020

Topographic Map

1 in = 2,000 feet